

CLAIMS:

1. A textile treatment agent for the treatment of a textile to be contacted therewith, especially during a laundering process, having at least a first textile-treating fraction and at least one other fraction, characterized in that said first textile-treating fraction is designed to form an inorganic structure on the textile surface, especially the surfaces of the textile fibers.
2. The textile treatment agent according to the preceding claim, characterized in that said first textile-treating fraction is present in an amount which is sufficient for building a layer having a thickness of 10 nm to 1 μ m.
3. The textile treatment agent according to the preceding claim, characterized in that said textile-treating fraction contains and/or forms nanoparticles.
4. The textile treatment agent according to the preceding claim, characterized in that said textile-treating fraction contains nanoparticles having a size of from 5 to 100 nm.
5. The textile treatment agent according to the preceding claim, characterized in that said nanoparticles are surface-modified.
6. The textile treatment agent according to the preceding claim, characterized in that from 0.1 to 50%, based on the nanoparticle mass, especially from 1 to 20%, of surface modification agent is provided for said surface modification.
7. The textile treatment agent according to any of the preceding claims, characterized in that said nanoparticles at least, preferably also, have an inorganic surface modification.

8. The textile treatment agent according to any of the preceding claims, characterized in that nanoparticles having surfaces modified by Lewis acids are provided.
9. The textile treatment agent according to any of the preceding claims, characterized in that oxides, hydroxides and/or salts, especially positively charged ones, are used for surface modification of the nanoparticles in the first fraction.
10. The textile treatment agent according to the preceding claim, characterized in that AlCl_3 , ZrOCl_2 and/or Ti compounds for surface modification of the nanoparticles are provided in said first textile-treating fraction.
11. The textile treatment agent according to any of the preceding claims, characterized in that said first textile-treating fraction comprises nanoparticles which at least, preferably also, have an organic surface modification.
12. The textile treatment agent according to the preceding claim, characterized in that substances from the group of betains and/or silanes, especially organofunctional silanes, are provided for organic surface modification.
13. The textile treatment agent according to any of the preceding claims, characterized in that cationic nanoparticles are provided in said first fraction.
14. The textile treatment agent according to any of the preceding claims, characterized in that at least one component which forms nanostructures under application conditions, especially upon dilution with water and/or upon heating at temperatures of below the boiling point of water, or a

mixture of such components is contained in said first textile-treating fraction.

15. The textile treatment agent according to any of the preceding claims, characterized in that hydrolyzing salts, especially AlCl_3 , TiOSO_4 , ZrOCl_2 and/or silanes, are contained as said components forming nanostructures.
16. The textile treatment agent according to any of the preceding claims, characterized in that a softener, especially based on siloxane, especially with and/or based on aminosiloxanes, is provided as a second fraction.
17. The textile treatment agent according to any of the preceding claims, characterized in that detergents and/or caring agents and/or perfumes are provided as a second or further component.
18. The textile treatment agent according to any of the preceding claims for the treatment of a wool, cotton, silk, synthetic fiber and/or mixed fabric textile.
19. A soft rinser according to any of the preceding claims, characterized in that said first textile-treating fraction is provided in an amount of from 0.1 to 10%, especially from 0.5 to 20%.
20. A method for treating textiles, wherein said textile is washed and soft-rinsed, characterized in that an inorganic structure with nanosubstances is applied during said washing and soft-rinsing, followed by fixing, at the latest during drying, especially in air, in a laundry dryer and/or by ironing.